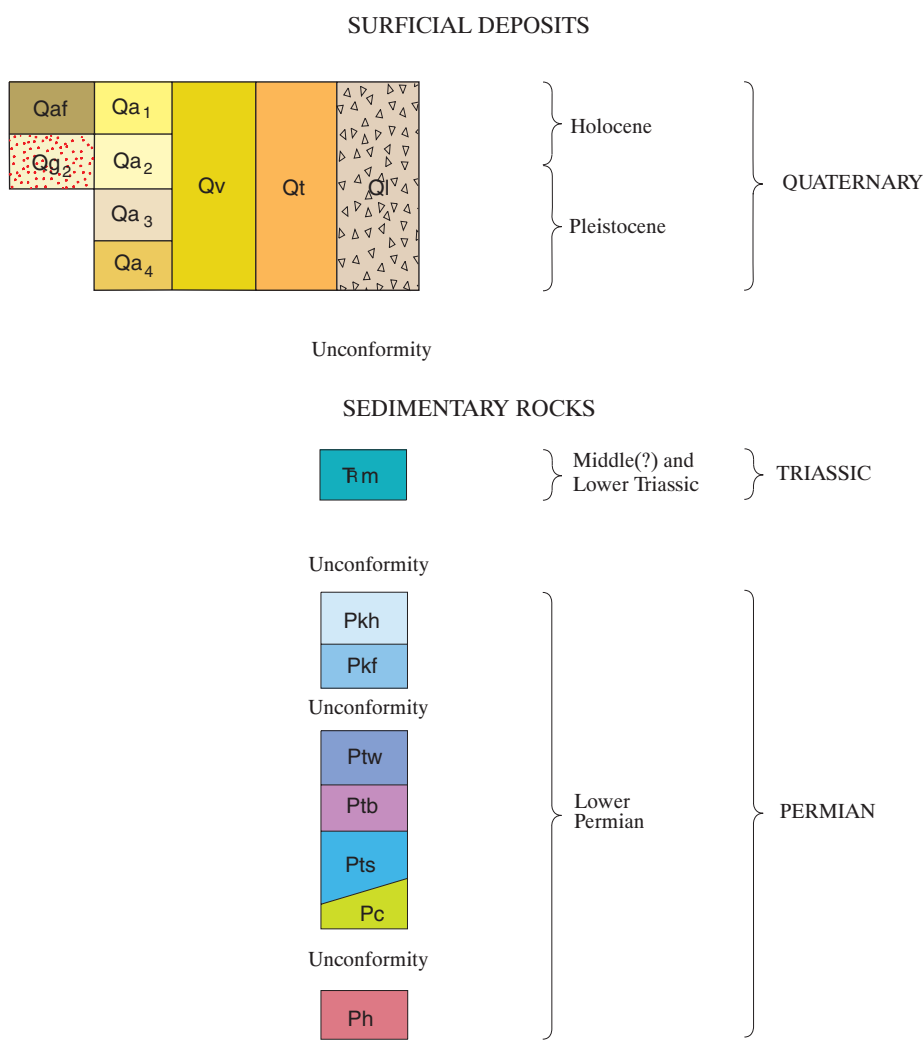


CORRELATION OF MAP UNITS



LIST OF MAP UNITS

SURFICIAL DEPOSITS

Surficial deposits (Holocene and Pleistocene)

- Qaf Artificial fill and quarries (Holocene)
- Qa₁ Young alluvial fan deposits (Holocene)
- Qv Valley-fill deposits (Holocene and Pleistocene)
- Qt Talus deposits (Holocene and Pleistocene)
- Qp Landslide deposits (Holocene and Pleistocene)
- Qa₂ Old terrace gravel deposits (Holocene and Pleistocene)
- Qa₃ Young intermediate alluvial fan deposits (Holocene and Pleistocene)
- Qa₄ Old intermediate alluvial fan deposits (Pleistocene)
- Qa₅ Old alluvial fan deposits (Pleistocene)

SEDIMENTARY ROCKS

- Tm Moenkopi Formation, undivided (Middle? and Lower Triassic)
- Ka Kaibab Formation (Lower Permian)
- Pkh Harrisburg Member
- Pkf Fossil Mountain Member
- Ptw Torowap Formation (Lower Permian)
- Ptb Woods Ranch Member
- Pts Brady Canyon Member
- Pc Seligman Member
- Pc Cocconino Sandstone (Lower Permian)
- Ph Hermit Formation (Lower Permian)

- Contact—(Approximate contact between surficial units and between the Harrisburg and Fossil Mountain Members of the Kaibab Formation)
- Fault—Dashed where inferred or approximately located; dotted where concealed; bar and ball on downthrown side. Number is estimated fault separation in feet
- Folds—Trace of axial surface and direction of plunge; dashed where approximately located; dotted where concealed
- Monocline—Axial trace drawn approximately along steepest part of fold
- Syncline
- Strike and dip of beds
- Inclined—As indicated on aerial photos
- Inclined—As measured in the field
- Strike of vertical and subvertical joints
- Sinkhole
- Collapse structure (possible breccia pipe?)

Base from U.S. Geological Survey, 1:24,000, Cane Quadrangle, 1968
Universal Transverse Mercator Projection
1927 North American Datum
Clark 1866 Ellipsoid, Zone 12

TRUE NORTH
MAGNETIC NORTH
APPROXIMATE MEAN
DECLINATION, 1997

SCALE 1:24,000
1 0.5 0 0.5 1 MILE
1 0.5 0 0.5 1 KILOMETER
CONTOUR INTERVAL 40 FEET
DATUM IS MEAN SEA LEVEL

QUADRANGLE LOCATION
ARIZONA

Geology mapped in 1999 by G.H. Billingsley
Digital database by J.L. Wellmeyer
Edited by Jan L. Zigler
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GEOLOGIC MAP OF THE CANE QUADRANGLE, COCONINO COUNTY, NORTHERN ARIZONA

By
George H. Billingsley and Jessica L. Wellmeyer

2001

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